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| APPLICATION NO.  | FILING DATE               | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.    | CONFIRMATION NO. |  |
|--|---------------------------|----------------------|------------------------|------------------|--|
| 10/589,291   | 06/04/2007                | Tony N. Frudakis     | DNA1180-2              | 7164             |  |
| 28213<br>DLA PIPER LL  | 7590 05/27/201<br>LP (US) | 1                    | EXAMINER               |                  |  |
| 4365 EXECUTIVE DRIVE<br>SUITE 1100<br>SAN DIEGO, CA 92121-2133 |                           |                      | GOLDBERG, JEANINE ANNE |                  |  |
|  |                           |                      | ART UNIT               | PAPER NUMBER     |  |
|  |                           |                      | 1634                   |                  |  |
|  |                           |                      |                        |                  |  |
|  |                           |                      | MAIL DATE              | DELIVERY MODE    |  |
|  |                           |                      | 05/27/2011             | PAPER            |  |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

|  | Application No.   | Applicant(s)   |                   |  |  |  |
|--|---|--|-------------------|--|--|--|
| Office Action Commence   | 10/589,291  | FRUDAKIS, TON  | FRUDAKIS, TONY N. |  |  |  |
| Office Action Summary  | Examiner  | Art Unit   |                   |  |  |  |
|  | JEANINE A. GOLDBERG   | 1634   |                   |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address<br>Period for Reply  |   |  |                   |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). |   |  |                   |  |  |  |
| Status   |   |  |                   |  |  |  |
| 1) Responsive to communication(s) filed on 06  | Anril 2011  |  |                   |  |  |  |
|  | nis action is non-final.  |  |                   |  |  |  |
| ,  |   | prosecution as to the                                | e merits is       |  |  |  |
|  | Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. |  |                   |  |  |  |
| Disposition of Claims  |   | ,              |                   |  |  |  |
| ·  | P P   |  |                   |  |  |  |
| 4) ☑ Claim(s) 1.5 and 7-21 is/are pending in the a 4a) Of the above claim(s) 5 and 14-28 is/are  5) ☐ Claim(s) is/are allowed.  6) ☑ Claim(s) 1 and 7-13 is/are rejected.  7) ☐ Claim(s) is/are objected to.  8) ☐ Claim(s) are subject to restriction and   | withdrawn from consideration.   |  |                   |  |  |  |
| Application Papers   |   |  |                   |  |  |  |
| 9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) and according to a specific and any objection to the Replacement drawing sheet(s) including the corresponding The oath or declaration is objected to by the Priority under 35 U.S.C. § 119   | ccepted or b) objected to by<br>the drawing(s) be held in abeyance.<br>tection is required if the drawing(s)  | See 37 CFR 1.85(a).<br>s objected to. See 37 C       |                   |  |  |  |
|  |   |  |                   |  |  |  |
| <ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No.</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>   |   |  |                   |  |  |  |
| Attachment(s)  1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>2/11</u> .  | Paper No(s)/M   | mary (PTO-413)<br>ail Date<br>mal Patent Application |                   |  |  |  |